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10/758,827

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AM-5852.D1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Scott Fuller et al.
Applicants

(Use several sheets if necessary)

January 15, 2004
Filing Date

1756
Group

U. S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
<u>NB</u>	4,102,683	07/25/78	DiPiazza	96	38.4	
	4,357,416	11/02/82	Fan	430	302	
	5,234,990	08/10/93	Flaim et al. *	524	609	
	5,278,010	01/11/94	Day et al.	430	18	
	5,554,485	09/10/96	Dichiara et al. *	430	271.1	
	5,723,237	03/03/98	Kobayashi et al. *	430	30	
	5,879,853	03/09/99	Azuma *	430	166	
	5,879,863	03/09/99	Azuma et al.	430	322	
	5,935,768	08/10/99	Biche et al. **	430	401	
	5,939,236	08/17/99	Pavelchek et al.	430	273.1	
	6,048,672	04/11/00	Cameron et al.	430	327	
<u>NM</u>	6,110,638	08/29/00	Masuda et al. **	430	270.1	

Examiner

Date Considered

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* Cited in a Search Report in corresponding PCT Application No. PCT/US02/22609.

** Cited during the prosecution of the parent application, U.S. Application Serial No. 09/912,116.

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U. S. PATENT DOCUMENTS

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WB	6,156,479	12/05/00	Meador et al.	430	270.1	
	6,169,029	01/02/01	Yang **	438	671	
	6,183,915	02/06/01	Rolfson **	430	5	
	6,316,167	11/13/01	Angelopoulos et al. **	430	313	01/10/00
	6,340,553	01/22/02	Oomori et al. **	430	270.1	06/02/00
WY	6,353,209	03/05/02	Schaper et al. **	219	444.1	12/08/99
WB	6,433,348	08/13/02	Abboud et al. **	250	492.2	07/25/00

U. S. PATENT APPLICATION DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date</u>
WB	2002/0012876 A1	01/31/02	Angelopolous et al. *	430	271.1	08/17/01
WY	2002/0182514 A1	12/05/02	Montgomery et al. **	430	5	05/03/01

<u>Examiner</u>	<u>Date Considered</u>
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Wendy Yancey 8/25/04
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FOREIGN PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Translation (If Appropriate)</u>
<u>JWJ</u>	EP 0588087	03/23/94	Ogawa et al. *	H01L	21/027	
	EP 0905565	03/31/99	Lu et al. *	G03F	7/09	
	EP 0987600	03/22/00	Adams et al. *	G03F	7/09	
	EP 0989460	03/29/00	Shimomura et al.	G03F	7/004	
	EP 1035442	09/13/00	Pavelchek et al. *	G03F	7/09	
	EP 1046958	10/25/00	Pawlowski et al. *	G03F	7/11	
	GB 2349148	10/25/00	Jung et al.	C07C	69/54	
	JP 10048831	02/20/98	Sony Corp.	G03F	007/11	Abstract
	JP 10048832	02/20/98	Sony Corp.	G03F	007/11	Abstract
<u>JKM</u>	WO 0046643	08/10/00	Smith et al. *	G03F	9/00	
<u>KJM</u>	WO 0054105	09/14/00	Foster et al.	G03C	1/492	

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8 | 25 | 04

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** Cited during the prosecution of the parent application, U.S. Application Serial No. 09/912,116.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

1/3
2/10/04

4

* G. Amblard et al., "Diffusion Phenomenon and Loss of Adhesion in Chemically Amplified Negative Resists", *Microelectronic Engineering*, 17, pp. 275-278 (1992).

** P. Buck et al., "Performance of the ALTA® 3500 scanned-laser mask lithography system", *Proceedings of the SPIE Conference on Photomask ad X-Ray Mask Technology V*, Kawasaki, Japan, SPIE Vol. 3412, pp. 67-78 (April 1998).

* K. Katoh et al., "Improvement of Post Exposure Delay Stability of Chemically Amplified Positive Resist", *Proceedings of the SPIE Symposium on Photomask and X-Ray Mask Technology VI*, Yokohama, Japan, SPIE Vol. 3748, pp. 62-68 (Sept 1999).

K. Kemp et al., "Effects of DUV Resist Sensitivities on Lithographic Process Window", *SPIE*, Vol. 3049, pp. 955-962 (1997).

C. A. Mack et al., "Matching Simulation and Experiment for Chemically Amplified Resists", *Proceedings of the SPIE Conference on Optical Microlithography XII*, SPIE Vol. 3679, pp.183-192 (March 1999).

Z. Masnyj et al., "Evaluation of Negative DUV Resist UVN30 for Electron Beam Exposure of NGL Masks", *SPIE*, Vol. 3997, pp. 525-529 (2000).

U. Okoroanyanwu et al., "Impact of Optical Absorption on Process Control for Sub-0.15- μm Device Patterning Using 193-nm Lithography", *SPIE*, Vol. 3998, pp.781-790 (2000).

4
5
5

* C. P. Soo et al., "Enhancement or Reduction of Catalytic Dissolution Reaction in Chemically Amplified Resists by Substrate Contaminants", *IEEE Transactions on Semiconductor Manufacturing*, Vol. 12, No. 4, pp. 462-469 (Nov 1999).

M. Zuniga et al., "Application of a General Reaction/Diffusion Resist Model to Emerging Materials with Extension to Non-Actinic Exposure", *SPIE*, Vol. 3049, pp. 256-268 (1997).

Examiner	Date Considered
<i>Mike Hansen</i>	<i>7/25/04</i>

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